Application No. 10/088,354
Amendment Dated 08/12/2005
Reply to Office Action of03/14/2005

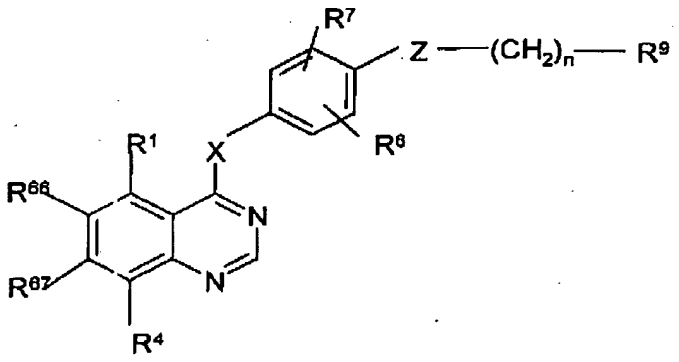
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-10. (Cancelled)

11. (Currently amended) A compound of formula (IIB)



(IIB)

or a salt, ~~ester, amide~~ or prodrug thereof

where

X is O, or S, S(O) or $S(O)_2$, NH or NR^8 where R^8 is hydrogen or C_{1-6}alkyl,

Z is O or S,

R^9 is hydrogen ~~or optionally substituted hydrocarbyl or optionally substituted heterocyclyl~~ ethenyl, optionally substituted phenyl, optionally substituted pyridyl or optionally substituted furanyl where optional substituents for R^9 groups are C_{1-3}alkoxy, C_{1-3}alkyl, halo or nitro,

R^6 and R^7 are independently selected from hydrogen, halo, C_{1-4}alkyl, C_{1-4}alkoxy, C_{1-4}alkoxymethyl, di(C_{1-4}alkoxy)methyl, C_{1-4}alkanoyl, trifluoromethyl, cyano, amino, C_{2-5}alkenyl, C_{2-5}alkynyl, a phenyl group, a benzyl group or a 5-6-membered heterocyclic group with 1-3 heteroatoms, selected independently from O, S and N, which heterocyclic group may be aromatic or non-aromatic and may be saturated and [[()]]linked via a ring carbon or nitrogen atom[()]] or unsaturated and [[()]]linked via a ring carbon atom[()]], and which phenyl, benzyl or heterocyclic group may bear on one or more ring carbon atoms up to 5 substituents selected from hydroxy, halogeno, C_{1-3}alkyl, C_{1-3}alkoxy, C_{1-3}alkanoyloxy, trifluoromethyl, cyano, amino, nitro, C_{2-4}alkanoyl, C_{1-4}alkanoylamino, C_{1-4}alkoxycarbonyl, C_{1-4}alkylsulphanyl, C_{1-4}alkylsulphinyl, C_{1-4}alkylsulphonyl, carbamoyl, N-C_{1-4}alkylcarbamoyl, N,N-di(C_{1-4}alkyl)carbamoyl,

aminosulphonyl, N-C_{1-4}alkylaminosulphonyl, N,N-di(C_{1-4}alkyl)aminosulphonyl, C_{1-4}alkylsulphonylamino, and a saturated heterocyclic group selected from morpholino, thiomorpholino, pyrrolidinyl, p perazinyl, piperidinyl, imidazolidinyl and pyrazolidinyl, which saturated heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-3}alkyl, C_{1-3}alkoxy, C_{1-3}alkanoyloxy, trifluoromethyl, cyano, amino, nitro and C_{1-4}alkoxycarbonyl, R^1 is hydrogen, R^4 is hydrogen, halo, C_{1-4}alkyl or C_{1-4}alkoxy ~~are independently selected from halogeno, cyano, nitro, C_{1-3}alkylsulphanyl, $N(OH)R^{12}$ (wherein R^{12} is hydrogen, or C_{1-3}alkyl), or $R^{44}X^1$ (wherein X^1 represents a direct bond, -O-, $-CH_2-$, -OC(O)-, -C(O)-, -S-, -SO-, $-SO_2-$, $-NR^{15}C(O)-$, $-C(O)NR^{16}-$, $-SO_2NR^{17}-$, $-NR^{18}SO_2-$ or $-NR^{19}-$ (wherein R^{15}, R^{16}, R^{17}, R^{18} and R^{19} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl)), and R^{44} is hydrogen, optionally substituted hydrocarbyl, optionally substituted heterocyclyl or optionally substituted alkoxy~~

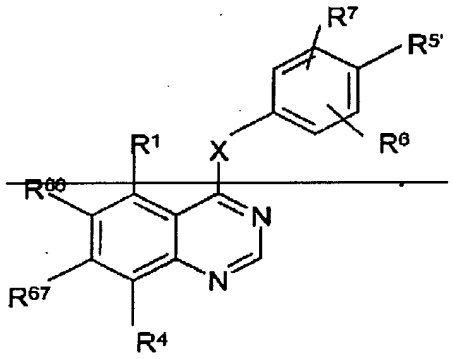
and n is 0, or an integer of from 1 to 6,

R^{66} is halo, cyano, nitro, trifluoromethyl, C_{1-3}alkyl, $-NR^{12}R^{13}$ [(]wherein R^{12} and R^{13}, which may be the same or different, each represents hydrogen or C_{1-3}alkyl[])], or a group $-X^1R^{14}$ [[(]wherein X^1 represents a direct bond, -O-, $-CH_2-$, -OC(O)-, -C(O)-, -S-, -SO-, $-SO_2-$, $-NR^{15}C(O)-$, $-C(O)NR^{16}-$, $-SO_2NR^{17}-$, $-NR^{18}SO_2-$ or $-NR^{19}-$ [[(]]wherein R^{15}, R^{16}, R^{17}, R^{18} and R^{19} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl[])]], and R^{14} is hydrogen or C_{1-5}alkyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, oxiranyl, fluoro, chloro, bromo and amino including C_{1-3}alkyl and trifluoromethyl; or $-R^9R^{38}$ and wherein R^{38} represents a pyridone group, a phenyl group or a 5-6-membered aromatic heterocyclic group linked via carbon or nitrogen with 1-3 heteroatoms selected from O, N and S, which pyridone, phenyl or aromatic heterocyclic group may carry up to 5 substituents selected from hydroxy, nitro, halogeno, amino, C_{1-4}alkyl, C_{1-4}alkoxy, C_{1-4}hydroxyalkyl, C_{1-4}aminoalkyl, C_{1-4}alkylamino, C_{1-4}hydroxyalkoxy, oxo, cyanoC_{1-4}alkyl, cyclopropyl, C_{1-4}alkylsulphonylC_{1-4}alkyl, C_{1-4}alkoxycarbonyl, di(C_{1-4}alkyl)amino, C_{1-4}alkylaminoC_{1-4}alkyl, C_{1-4}alkanoyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, C_{1-4}alkylaminoC_{1-4}alkoxy, di(C_{1-4}alkyl)aminoC_{1-4}alkoxy, carboxy, carboxamido, trifluoromethyl, cyano, $-C(O)NR^{39}R^{40}$, $-NR^{41}C(O)R^{42}$ wherein R^{39}, R^{40}, R^{41} and R^{42}, which may be the same or different, each represents hydrogen, C_{1-4}alkyl, hydroxyC_{1-4}alkyl or C_{1-3}alkoxyC_{2-3}alkyl and a group $-(-O-)_f(C_{1-4}alkyl)_g$ringD wherein f is 0 or 1, g is 0 or 1 and ring D is a cyclic group selected from C_{3-6}cycloalkyl, aryl or 5-6-membered saturated or unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from halo and C_{1-4}alkyl; and wherein R^9 is a C_{1-8}alkylene group optionally

substituted by one or more substituents selected from hydroxy, halogeno and amino ~~hydrogen, optionally substituted hydrocarbyl, optionally substituted heterocyclyl or optionally substituted alkoxy;~~

and R^{67} is C_{1-6}alkoxy ~~optionally~~ substituted with a group X^1R^{38} [[()]wherein X^1 ~~represents a direct bond, O, CH_2, OC(O), C(O), S, SO, SO_2, $NR^{15}C(O)$, $C(O)NR^{16}$, SO_2NR^{17}, $NR^{18}SO_2$ or NR^{19} (wherein R^{15}, R^{16}, R^{17}, R^{18} and R^{19} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl)),~~ and R^{38} are as defined above ~~is a pyridone group, an aryl group or an aromatic heterocyclic group (linked via carbon or nitrogen) with 1-3 heteroatoms selected from O, N and S, which pyridone, aryl or aromatic heterocyclic group may be substituted by one or more functional groups or by a hydrocarbyl group optionally substituted by one or more functional groups or heterocyclyl groups, or by a heterocyclyl group optionally susbsituted by one or more functional groups or hydrocarbyl groups,~~ or R^{67} is 3-morpholinopropoxy; ~~provided that R^{67} is other than unsubstituted alkoxy;~~

~~or a compound of formula (IIIB)~~



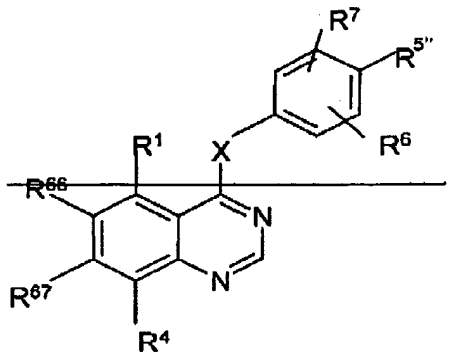
~~(IIIB)~~

~~or a salt, ester, amide or prodrug thereof,~~

~~where X, R^4, R^4, R^6 and R^7 are as defined above, and R^{66} are R^{67} are as defined above provided that R^{67} is other than unsubstituted alkoxy; and $R^{5'}$ is benzyl or cyanobenzyl or $R^{5'}$ is optionally substituted phenyl, where the optional substituents include C_{1-3} alkyl groups as well as nitro and halo or $R^{5'}$ is ethynyl optionally substituted with trimethylsilyl groups, carboxy, or an C_{1-6} alkyl ester thereof;~~

~~or~~

~~a compound of formula (IVB)~~



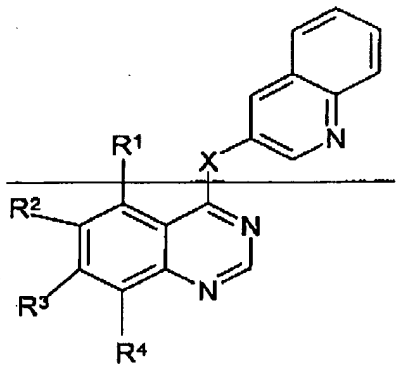
~~(IVB)~~

~~or a salt, ester, amide or prodrug thereof,~~

~~where X, R^1, R^4, R^6 and R^7 and n are as defined above, $R^{6'}$ is a group of formula $NR^{10}R^{10'}$ where R^{10} and $R^{10'}$ are independently selected from hydrogen, optionally substituted hydrocarbyl or optionally substituted heterocyclyl, or R^{10} and $R^{10'}$ together with the nitrogen atom to which they are attached form an optionally substituted heterocyclic ring which may optionally contain further heteroatoms, or an azo group of formula $-N=N-R^{11}$ where R^{11} is an optionally substituted hydrocarbyl group or optionally substituted heterocyclyl group, or $R^{6'}$ is a group $-N=NR^{11}$ where R^{11} is as defined above, and R^{66} are R^{67} are as defined above provided that R^{67} is other than unsubstituted alkoxy;~~

~~or~~

~~a compound of formula (IVC)~~

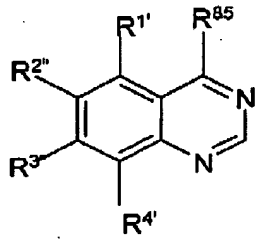


~~(IVC)~~

~~or a salt, ester, amide or prodrug thereof,~~

~~where R^1, R^2, R^3, R^4 and X are as defined in claim 1~~.

12. (Currently amended) A method of preparing a compound according to claim 11, which comprises reacting a compound of formula (VII)



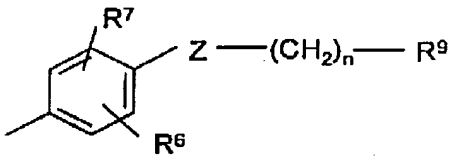
(VII)

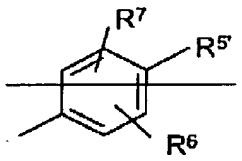
where $R^{1'}$, $R^{2''}$, $R^{3''}$, and $R^{4'}$ are respectively equivalent to a group R^1, R^{68}, R^{67} and R^4 as defined in claim 11 or a precursor thereof, and R^{85} is a leaving group, with a compound of formula (VIII)

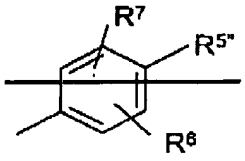
$H\text{-}X\text{-}R^{8''}$

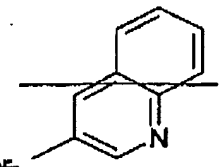
(VIII)

where X, is as defined in claim 11, and $R^{8''}$ ~~is selected from~~









~~or~~

where Z, n, R^6, R^7 and R^9 are as defined in claim 11.

~~$R^{6'}$ is an optionally substituted hydrocarbyl, optionally substituted heterocyclyl or optionally substituted alkoxy group, provided that $R^{6'}$ is other than ethenyl substituted by a carboxy group or an amide or sulphonamide derivative thereof,~~
~~and R^{6a} is halogen or a group of formula $NR^{10}R^{10'}$ where R^{10} and $R^{10'}$ are independently selected from hydrogen, optionally substituted hydrocarbyl or optionally substituted heterocyclyl, or R^{10} and $R^{10'}$ together with the nitrogen atom to which they are attached form an optionally substituted heterocyclic ring which may optionally contain further heteroatoms, or an azo group of formula $-N=N-R^{11}$ where R^{11} is an optionally substituted hydrocarbyl group or optionally substituted heterocyclyl group).~~

13-14. (Canceled)

15. (Currently Amended) A pharmaceutical composition comprising a compound of formula (IIB)~~, (IIIB), (IVB) or (IVC)~~ as defined in claim 11, or a salt~~, ester, amide~~ or prodrug thereof, in combination with a pharmaceutically acceptable carrier.

16. (Currently amended) A compound according to claim 11~~, selected from: a compound of formula (IIB)~~ or a salt~~, ester, amide~~ or prodrug thereof, wherein
~~wherein X is O, S, S(O) or $S(O)_2$, or NR^8 where R^8 is hydrogen or C_{1-6}alkyl;~~
~~Z is O or S;~~
~~n is 0, or an integer from 1 to 6;~~
R^1 and R^4 are both hydrogen;
~~R^9 is hydrogen, ethenyl, optionally substituted phenyl, optionally substituted pyridyl, or optionally substituted furanyl where optional substitutents for R^9 groups are C_{1-3}alkoxy, C_{1-3}alkyl, halo or nitro;~~
~~R^6 and R^7 are independently selected from hydrogen, halo, C_{1-4}alkyl, C_{1-4}alkoxy, C_{1-4}alkoxymethyl, di(C_{1-4}alkoxy)methyl, C_{1-4}alkanoyl, trifluoromethyl, cyano, amino, C_{2-5}alkenyl, C_{2-5}alkynyl, a phenyl group, a benzyl group or a 5-6 membered heterocyclic group with 1-3 heteroatoms, selected independently from O, S and N, which heterocyclic group may be aromatic or non-aromatic and may be saturated (linked via a ring carbon or nitrogen atom) or unsaturated (linked via a ring carbon atom), and which phenyl, benzyl or heterocyclic group may bear on one or more ring carbon atoms up to 5 substituents selected from hydroxy, halogeno, C_{1-3}alkyl, C_{1-3}alkoxy, C_{1-3}alkanoyloxy, trifluoromethyl, cyano, amino, nitro, C_{2-4}alkanoyl, C_{1-4}alkanoylamino, C_{1-4}alkoxycarbonyl, C_{1-4}alkylsulphanyl, C_{1-4}alkylsulphinyl, C_{1-4}alkylsulphonyl,~~

~~carbamoyl, N-C_{1-4}alkylcarbamoyl, N,N-di(C_{1-4}alkyl)carbamoyl, aminosulphonyl, N-C_{1-4}alkylaminosulphonyl, N,N-di(C_{1-4}alkyl)aminosulphonyl, C_{1-4}alkylsulphonylamino, and a saturated heterocyclic group selected from morpholino, thiomorpholino, pyrrolidinyl, piperazinyl, piperidinyl, imidazolidinyl and pyrazolidinyl, which saturated heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-3}alkyl, C_{1-3}alkoxy, C_{1-3}alkanoyloxy, trifluoromethyl, cyano, amino nitro and C_{1-4}alkoxycarbonyl,~~

~~R^{66} is halo, cyano, nitro, trifluoromethyl, C_{1-3}alkyl, $-NR^{12}R^{13}$ (wherein R^{12} and R^{13}, which may be the same or different, each represent hydrogen or C_{1-3}alkyl), or a group $-X^1R^{14}$ where X^1 represents a direct bond, -O-, $-CH_2-$, -OC(O)-, -C(O)-, -S-, -SO-, $-SO_2-$, $-NR^{15}C(O)-$, $-C(O)NR^{16}-$, $-SO_2NR^{17}-$, $-NR^{18}SO_2-$ or $-NR^{19}-$ (wherein R^{15}, R^{16}, R^{17}, R^{18} and R^{19} each independently represent hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{14} is a group (1) where group (1) is hydrogen or C_{1-5}alkyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, oxiranyl, fluoro, chloro, bromo and amino (including C_{1-3}alkyl and trifluoromethyl); or a group (1) where group (10) is $R^{38}R^{39}$ and wherein R^{38} represents a pyridone group, a phenyl group or a 5-6-membered aromatic heterocyclic group (linked via carbon or nitrogen) with 1-3 heteroatoms selected from O, N and S, which pyridone, phenyl or aromatic heterocyclic group may carry up to 5 substituents selected from hydroxy, nitro, halogeno, amino, C_{1-4}alkyl, C_{1-4}alkoxy, C_{1-4}hydroxyalkyl, C_{1-4}aminoalkyl, C_{1-4}alkylamino, C_{1-4}hydroxyalkoxy, oxo, cyano, C_{1-4}alkyl, cyclopropyl, C_{1-4}alkylsulphonylC_{1-4}alkyl, C_{1-4}alkoxycarbonyl, di(C_{1-4}alkyl)amino, C_{1-4}alkylaminoC_{1-4}alkyl, C_{1-4}alkanoyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, C_{1-4}alkylaminoC_{1-4}alkoxy, di(C_{1-4}alkyl)aminoC_{1-4}alkoxy, carboxy, carboxamido, trifluoromethyl, cyano, $-C(O)NR^{39}R^{40}$, $-NR^{41}C(O)R^{42}$ (wherein R^{39}, R^{40}, R^{41} and R^{42}, which may be the same or different, each represents hydrogen, C_{1-4}alkyl, hydroxyC_{1-4}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and a group $-(-O-)_f(C_{1-4}$alkyl$)_g$ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a cyclic group selected from C_{3-6}cycloalkyl, aryl or 5-6-membered saturated or unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from halo and C_{1-4}alkyl); and wherein R^8 is a C_{1-8}alkylene group optionally substituted by one or more substituents selected from hydroxy, halogeno and amino,~~

~~and R^{67} is 3-morpholinopropoxy;~~

~~or~~

~~a compound of formula (IIIB) or a salt, ester, amide or prodrug thereof,~~

~~wherein X, R^1, R^4, R^6, R^7 and R^{66} are as defined above~~

~~R^{67} is C_{1-6}alkoxy optionally substituted with fluorine or a group X^4R^{38} in which X^4 represents a direct bond, -O-, $-CH_2-$, -OCO-, carbonyl, -S-, -SO-, $-SO_2-$, $-NR^{42}CO-$, $-CONR^{42}-$, $-SO_2NR^{42}-$, $-NR^{43}SO_2-$ or $-NR^{44}-$ (wherein R^{42}, R^{43} and R^{44} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{38} represents a pyridone group, a phenyl group or a 5-6 membered aromatic heterocyclic group (linked via carbon or nitrogen) with 1-3 heteroatoms selected from O, N and S, which pyridone, phenyl or aromatic heterocyclic group may carry up to 5 substituents on an available carbon atom selected from hydroxy, halogeno, amino, C_{1-4}alkyl, C_{1-4}alkoxy, C_{1-4}hydroxyalkyl, C_{1-4}aminoalkyl, C_{1-4}alkylamino, C_{1-4}hydroxyalkoxy, carboxy, trifluoromethyl, cyano, $CONR^{39}R^{40}$ and $NR^{41}COR^{42}$ (wherein R^{38}, R^{40}, R^{41} and R^{42}, which may be the same or different, each represents hydrogen, C_{1-4}alkyl or C_{1-3}alkoxyC_{2-3}alkyl); wherein at least R^{67} is other than unsubstituted alkoxy;~~

~~and $R^{6'}$ is benzyl and cyanobenzyl or $R^{6'}$ is optionally substituted phenyl, where the optional substituents include C_{1-3} alkyl groups as well as nitro and halo or $R^{6'}$ is ethynyl optionally substituted with trimethylsilyl groups, carboxy, or an C_{1-6}alkyl ester thereof~~

~~or~~

~~a compound of formula (IVB) or a salt, ester, amide or prodrug thereof,~~

~~where X, R^1, R^4, R^6 and R^7 are as defined in relation to formula (IIB) above~~

~~$R^{6''}$ a group of formula $NR^{40}R^{40'}$ where R^{40} and $R^{40'}$ are independently selected from hydrogen, alkyl or heterocyclyl, or R^{40} and $R^{40'}$ together with the nitrogen atom to which they are attached form a morpholino or terahydropyridyl or $R^{6''}$ is a group $-N=NR^{44}$ where R^{44} is alkyl or phenyl or heterocyclyl~~

~~and R^{68} are R^{67} are as defined in relation to formula (IIIB) above;~~

~~or~~

~~a compound of formula (IVC) or a salt, ester, amide or prodrug thereof,~~

~~where X, R^1, R^4 are as defined in relation to formula (IIB) above~~

~~R^8 and R^9 are independently selected from, halo, cyano, nitro, trifluoromethyl, C_{1-3}alkyl, NR^9R^{10} (wherein R^9 and R^{10}, which may be the same or different, each represents hydrogen or C_{1-3}alkyl), or $-X^4R^{14}$ (wherein X^4 represents a direct bond, -O-, $-CH_2-$, -OCO-, carbonyl, -S-, -SO-, $-SO_2-$, $-NR^{42}CO-$, $-CONR^{42}-$, $-SO_2NR^{42}-$, $-NR^{43}SO_2-$ or $-NR^{44}-$ (wherein R^{42}, R^{43} and R^{44} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl), and R^{44} is selected from one of the following groups:~~

~~1') hydrogen or C_{1-6}alkyl which may be unsubstituted or which may be substituted with one or more groups selected from hydroxy, fluoro or amino,~~

~~2') C_{1-6}alkylX^2COR^{20} (wherein X^2 represents -O- or -NR^{24}- (in which R^{20} represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{21} represents C_{1-3}alkyl, -NR^{22}R^{23} or -OR^{24} (wherein R^{22}, R^{23} and R^{24} which may be the same or different each represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl);~~

~~3') C_{1-6}alkylX^3R^{25} (wherein X^3 represents -O-, -S-, -SO-, -SO$_2$-, -OCO-, -NR^{26}CO-, -CONR^{27}-, -SO$_2$NR^{28}-, -NR^{29}SO$_2$- or -NR^{30}- (wherein R^{26}, R^{27}, R^{28}, R^{29} and R^{30} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{25} represents hydrogen, C_{1-3}alkyl, cyclopentyl, cyclohexyl or a 5-6-membered saturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which C_{1-3}alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and C_{1-4}alkoxy and which cyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-4}alkyl, C_{1-4}hydroxyalkyl and C_{1-4}alkoxy);~~

~~4') C_{1-6}alkyl$X^4$$C_{1-6}$alkyl$X^5$R^{31} (wherein X^4 and X^5 which may be the same or different are each -O-, -S-, -SO-, -SO$_2$-, -NR^{32}CO-, -CONR^{33}-, -SO$_2$NR^{34}-, -NR^{35}SO$_2$- or -NR^{36}- (wherein R^{32}, R^{33}, R^{34}, R^{35} and R^{36} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{31} represents hydrogen or C_{1-3}alkyl);~~

~~5') R^{37} (wherein R^{37} is a 5-6-membered saturated heterocyclic group (linked via carbon or nitrogen) with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno, C_{1-4}alkyl, C_{1-4}hydroxyalkyl, C_{1-4}alkoxy, C_{1-4}alkoxyC_{1-4}alkyl and C_{1-4}alkylsulphonylC_{1-4}alkyl);~~

~~6') C_{1-5}alkylR^{37} (wherein R^{37} is as defined hereinbefore in (5'));~~

~~7') C_{2-5}alkenylR^{37} (wherein R^{37} is as defined hereinbefore in (5'));~~

~~8') C_{2-5}alkynylR^{37} (wherein R^{37} is as defined hereinbefore in (5'));~~

~~9') R^{38} (wherein R^{38} represents a pyridone group, a phenyl group or a 5-6-membered aromatic heterocyclic group (linked via carbon or nitrogen) with 1-3 heteroatoms selected from O, N and S, which pyridone, phenyl or aromatic heterocyclic group may carry up to 5 substituents on an available carbon atom selected from hydroxy, halogeno, amino, C_{1-4}alkyl, C_{1-4}alkoxy, C_{1-4}hydroxyalkyl, C_{1-4}aminoalkyl, C_{1-4}alkylamino, C_{1-4}hydroxyalkoxy, carboxy, trifluoromethyl, cyano, -CONR^{39}R^{40} and -NR^{41}COR^{42} (wherein R^{39}, R^{40}, R^{41} and R^{42}, which may be the same or different, each represents hydrogen, C_{1-4}alkyl or C_{1-3}alkoxyC_{2-3}alkyl));~~

~~10') C_{1-6}alkylR^{38} (wherein R^{38} is as defined hereinbefore in (9'));~~

~~11') C_{2-6}alkenylR^{38} (wherein R^{38} is as defined hereinbefore in (9'));~~

~~12') C_{2-6}alkynylR^{38} (wherein R^{38} is as defined hereinbefore in (9'));~~

~~13') C_{1-5}alkylX^6R^{38} (wherein X^6 represents O, S, SO, SO_2, $NR^{43}CO$, $CONR^{44}$, SO_2NR^{45}, $NR^{46}SO_2$ or NR^{47} (wherein R^{43}, R^{44}, R^{45}, R^{46} and R^{47} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{38} is as defined hereinbefore in (9')); 14') C_{2-5}alkenylX^7R^{38} (wherein X^7 represents O, S, SO, SO_2, $NR^{48}CO$, $CONR^{49}$, SO_2NR^{50}, $NR^{51}SO_2$ or NR^{52} (wherein R^{48}, R^{49}, R^{50}, R^{51} and R^{52} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{38} is as defined hereinbefore in (9')); 15') C_{2-5}alkynylX^8R^{38} (wherein X^8 represents O, S, SO, SO_2, $NR^{53}CO$, $CONR^{54}$, SO_2NR^{55}, $NR^{56}SO_2$ or NR^{57} (wherein R^{53}, R^{54}, R^{55}, R^{56} and R^{57} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{38} is as defined hereinbefore in (9')); 16') C_{1-3}alkylX^9C_{1-3}alkylR^{36} (wherein X^9 represents O, S, SO, SO_2, $NR^{58}CO$, $CONR^{59}$, SO_2NR^{60}, $NR^{61}SO_2$ or NR^{62} (wherein R^{58}, R^{59}, R^{60}, R^{61} and R^{62} each independently represents hydrogen, C_{1-3}alkyl or C_{1-3}alkoxyC_{2-3}alkyl) and R^{38} is as defined hereinbefore in (9')); and
17') C_{1-3}alkylX^9C_{1-3}alkylR^{37} (wherein X^9 and R^{37} are as defined hereinbefore (in 5')).~~

17. (new) A compound according to claim 11 wherein R^{67} is 3-morpholinopropoxy.

18. (new) A compound according to claim 11 wherein R^6 and R^7 are independently selected from hydrogen, halo, C_{1-4}alkoxy, cyano, trifluoromethyl or phenyl.

19. (new) A compound according to claim 11 wherein R^6 and R^7 are both hydrogen.

20. (new) A compound according to claim 11 wherein the prodrug is a phosphate or sulphate or an alkyl, aryl or aralkyl derivative thereof.

21. (new) A method of treating colorectal or breast cancer in a warm blooded animal comprising administering to said animal an effective amount of a compound according to claim 11 or a salt or prodrug thereof.